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RESEARCH MEMORANDUM

BIBLIOGRAPHY OF NACA PAPERS ON ROTATING-WING AIRCRAFT

JANUARY 1952

By Alfred Gessow

Langley Aeronautical Laboratory
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**NATIONAL ADVISORY COMMITTEE
FOR AERONAUTICS**

WASHINGTON
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SUMMARY

A bibliography of unclassified NACA papers on rotating-wing aircraft issued up to January 1952 is presented. The list of papers is subdivided for ready reference under appropriate subject headings, and the titles are listed chronologically within each subject.

INTRODUCTION

Direct contact with designers and research workers in the rotating-wing field has indicated the need for the complete dissemination of the available technical literature. Accordingly, as an aid in obtaining such material and in order to acquaint the rotating-wing industry and the various government agencies charged with the design, evaluation, and procurement of helicopters with the work done by the NACA in the field of rotating-wing aircraft, a bibliography of unclassified NACA papers issued in that field is presented herein.

The list of papers is subdivided for ready reference under appropriate subject headings, and the papers are listed in reverse chronological order within each subject so that the latest information published by the NACA on that subject can be readily ascertained. In general, each title is listed only once under the subject heading that is most directly applicable. In some cases, however, a title is listed more than once, if its interest is important in another field.

The papers are listed under the following subject headings:

- I Aerodynamics of Hovering and Vertical Flight
- II Aerodynamics of Forward Flight
- III Rotor-Blade Motion and Stall Studies
- IV Airfoils
- V Vibration

¹Supersedes NACA RM L7J30, "Bibliography of NACA Papers on Rotating-Wing Aircraft, July 1948" by Alfred Gessow, 1948.

- VI Stability
- VII Landings and Loads
- VIII General

PAPER DESIGNATIONS AND STATUS

A key to the NACA paper designations is given as follows:

Rep	Technical Report
TN	Technical Note
TM	Technical Memorandum
MR	Memorandum Report
ARR	Advance Restricted Report
ACR	Advance Confidential Report
RM	Research Memorandum

Papers that are of limited availability are indicated in the Bibliography by use of one, two, or three asterisks with the following significance:

- * Copies may be obtained on loan by writing to the NACA or photostats may be purchased directly from the Library of Congress.
- ** Copies available for reference in the Washington Office library of the NACA or photostats may be purchased directly from the Library of Congress.
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